



SEQUENCE LISTING

<110> EMERSON, BEVERLY MARIE
KADAM, SHILPA B.

<120> METHODS OF MODULATING GENE EXPRESSION

<130> SLK-2019-UT

<140> 10/783,672
<141> 2004-02-20

<150> 60/450,771
<151> 2003-02-26

<160> 4

<170> PatentIn Ver. 3.2

<210> 1
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide motif

<220>
<221> MOD_RES
<222> (1)
<223> Tyr or Phe

<220>
<221> MOD_RES
<222> (2)
<223> Variable amino acid

<220>
<221> MOD_RES
<222> (4)..(7)
<223> This region may encompass 2 to 4 variable amino
acid residues.

<220>
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<223> Variable amino acid

<220>
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<223> Phe or Tyr

<220>
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<220>
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<220>
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 <223> This region may encompass 3 to 4 variable amino acid residues.

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 Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Leu Xaa Xaa His Xaa Xaa Xaa Xaa His
 20 25

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 <223> Description of Artificial Sequence: Synthetic peptide motif

<220>
 <221> MOD_RES
 <222> (2)..(3)
 <223> Variable amino acid

<220>
 <221> MOD_RES
 <222> (5)..(17)
 <223> Variable amino acid

<220>
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<220>
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 <222> (22)..(36)
 <223> This region may encompass 14 to 15 variable amino acid residues

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 Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30
 Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 35 40 45
 Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys
 50 55

<210> 3
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide motif

<220>
 <221> MOD_RES
 <222> (3)..(5)
 <223> This region may encompass 1 to 3 variable amino
 acid residues

<220>
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 <222> (12)..(13)
 <223> Variable amino acid

<220>
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 <222> (30)
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<400> 3

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Lys Arg Xaa Xaa Xaa Arg Lys Ser Ala Gln Asn Xaa Xaa Ser Ala Gln
 1           5           10           15

Ser Ala Gln Xaa Arg Lys Thr Ala Glu Asn Gln Xaa Arg Xaa Arg Lys
          20           25           30

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<210> 4

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<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide motif

<220>

<221> MOD_RES

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<223> Variable amino acid

<220>

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<223> Variable amino acid

<400> 4

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Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1           5           10           15

Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys
          20           25

```